

**Espacenet****Bibliographic data: RU 2138193 (C1)****METHOD OF SEPARATION OF ELECTRICAL COMPONENT OF CARDIAC ACTIVITY**

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**Abstract of RU 2138193 (C1)**

FIELD: medicine; applicable in examination of man cardiovascular system. SUBSTANCE: method includes obtaining of ECG and REG with the help of electrocardiograph and electrorheograph from same electrodes attached to patient's body, normalization of obtained ECG with respect to isoline, determination of modulus of obtained normalized function of ECG, integration of modulus of normalized function of ECG with time constant equaling time constant of REG; disintegration of obtained function and REG in Fourier spectra, determination of difference of obtained spectra, performance of reverse Fourier transform. Method allows determination of function describing electrical component of heart operation. EFFECT: higher efficiency.